



To: Cynthia Caporale/ESC/R3/USEPA/US,
Cc: Cynthia Metzger/ESC/R3/USEPA/US@EPA, Fred Foreman/ESC/R3/USEPA/US@EPA,
Mike Mahoney/ESC/R3/USEPA/US@EPA, R3 ESC-LB, Joe Dorsey/ESC/R3/USEPA/US,
Bcc:
Subject: Re: Status of Dimock GW Site

We do not have the instrumentation nor the attachments to the GC-FTIR to perform method 8430 as written. Major adjustments to the instrumentation would have to be made in order to perform this method. Alternatively, a different, but similar, method could be developed; however, not without different major adjustments. My preference would be the similar but different method which would involve the purchase of a light pipe which is water insoluble (and instruction for me on how to change light pipes). This would retain our capability to use the KBr window light pipe for organic analytes in organic solvents as well as aqueous solvent based analytes.

Method 8430 was devised in 1989 and written in 1996 before more sophisticated instrumentation was available.

NEIC's GC-FTIR has water insoluble light pipe windows.

Sue Greco
Chemist, R3-EPA-ESC
Fort Meade, Md.
410-305-2675
SEE

Cynthia Caporale	All, Our branch has been actively involved with t...	01/06/2012 03:23:59 PM
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From: Cynthia Caporale/ESC/R3/USEPA/US
To: R3 ESC-LB
Cc: Cynthia Metzger/ESC/R3/USEPA/US@EPA, Fred Foreman/ESC/R3/USEPA/US@EPA, Mike Mahoney/ESC/R3/USEPA/US@EPA
Date: 01/06/2012 03:23 PM
Subject: Status of Dimock GW Site

All,

Our branch has been actively involved with the sampling plan for the Dimock GW Site (Marcellus Shale residential well sampling). For those of you working on this, thank you very much for your time and energy in meeting the demands of this project! Here's a status for everyone.

Note: All documents are stored in ASQAB_AT/Special Projects/Marcellus Shale/Dimock.

As of now the project is still on hold pending approval by HQ.
We have finalized the parameter list and have labs assigned. Here is a link to that table



Shortcut to Dimock Parameters and Labs Jan06 2012.xlsx.Ink

An analytical request form is in progress but has not officially been submitted for Kevin to route. This probably will be done on Monday/Tuesday.

To help track our efforts we have a summary report. Here is a link to that summary.



Shortcut to Dimock Groundwater Site_Lab Efforts Summary Jan 06 2012.docx.Ink

Analytical work will be done by three Regions (R2, R3, and R9), NAREL (rad work), and commercial labs

(Tier 4 - micro and Isotech methods).

On Monday, we'll have a conference call with R6 and R5 and Jennie to discuss the glycols/alcohols. Both those regions were involved with the surfactant methods during the oil spill and will be helpful for our method evaluations for 2-methoxyethanol and ethylene glycol.

When we receive notice that the project will begin we will have a special sample scheduling meeting.

If you have any further questions please contact Stevie or me.

Cindy



Ethylene Glycol technical help
Stevie Wilding to: R3 ESC-LTIG ORGANIC
This message is digitally signed.

01/11/2012 08:54 AM

Region 5 or 6 -- could you let Adam know how you are analyzing ethylene glycol.

----- Forwarded by Stevie Wilding/ESC/R3/USEPA/US on 01/11/2012 08:52 AM -----

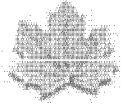
From: Adam Molnar/ESC/R3/USEPA/US
To: Stevie Wilding/ESC/R3/USEPA/US
Cc: Cynthia Caporale/ESC/R3/USEPA/US@EPA
Date: 01/11/2012 08:33 AM
Subject: Region 6 help with Ethylene Glycol

Stevie,

It says in the Dimock summary that you or Cindy will contact R5 and R6 today. I would like to know if they have a working ethylene glycol analysis by GC-FID. If they are getting good results I'd like to have a contact to discuss what they are doing.

Are you planning a conference call today?

Adam Molnar, Chemist
Environmental Science Center
701 Mapes Road
Fort Meade, MD 20755
molnar.adam@epa.gov
410-305-2676



Status of Dimock GW Site

Cynthia Caporale to: R3 ESC-LB

Cc: Cynthia Metzger, Fred Foreman, Mike Mahoney

01/06/2012 03:23 PM

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Cindy



Re: Status of Dimock GW Site 
Cynthia Caporale to: Sue Greco
Cc: Sue Warner

01/09/2012 09:55 AM

Sue,

Thanks for the update. If anything can be worked on for this that would be a big help. If we ran these by GC/FID we'd like some confirmation and GC/FTIR would be a nice asset. However, I'm not sure how quick anything can be ordered.

Cindy

Cynthia Caporale, Chief
OASQA Laboratory Branch
U.S. EPA Region III
Environmental Science Center
Fort Meade, MD
(410) 305-2732
Fax: (410) 305-3095

Sue Greco

We do not have the instrumentation nor the attac...

01/09/2012 09:16:25 AM

From: Sue Greco/ESC/R3/USEPA/US
To: Cynthia Caporale/ESC/R3/USEPA/US@EPA
Cc: Cynthia Metzger/ESC/R3/USEPA/US@EPA, Fred Foreman/ESC/R3/USEPA/US@EPA, Mike Mahoney/ESC/R3/USEPA/US@EPA, R3 ESC-LB, Joe Dorsey/ESC/R3/USEPA/US
Date: 01/09/2012 09:16 AM
Subject: Re: Status of Dimock GW Site

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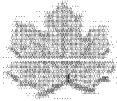
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To: Cynthia Caporale/ESC/R3/USEPA/US,
Cc: Sue Warner/ESC/R3/USEPA/US,
Bcc:
Subject: Re: Status of Dimock GW Site

Another light pipe is about \$3000.00. Thermo application lab is over in Lanham. Theresa Morris at NEIC would be available by phone to walk someone through the light pipe change (I talked to her at LTIG in April). Methanol is a bad for KBr as is H₂O. I am searching for glycol solubilities in the literature.

Sue Greco
Chemist, R3-EPA-ESC
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